

LIST OF MENTOR AND RESEARCH AREA_SRIF

Sl. No	Name of the faculty	email ID	Department	Area of research and collaboration
1	Dr. B. Hanumantha Rao	bhrao@iitbbs.ac.in	SIF	Geotechnical and Geoenvironmental Engineering (Tailings management, waste valorization, geosynthetics in tailings, ground improvement, biogeotechnics)
2	Dr. Venugopal A	venugopal@iitbbs.ac.in	Mechanical	Thermal Management, Aerodynamics, Renewable Energy
3	V Pandu Ranga	pandu@iitbbs.ac.in	Mechanical	Robotics and Artificial Intelligence
4	Dr. Mohammad Masiur Rahaman	masiurr@iitbbs.ac.in	SIF	
5	Dr. Sivaiah Bathula	sivaiahb@iitbbs.ac.in	School of Minerals, Metallurgical and Materials Engineering	Energy materials development, Power metallurgy, materials characterization and feasibility reports, thermoelectric materials
6	Chaidul Haque Chaudhuri	chaudhurich@iitbbs.ac.in	SIF	Soil-Structure Interaction; Buried Pipeline; Earthquake Geotechnical Engineering; Permanent Ground Deformation; Underground Structures;
7	Prof. Sumanta Halder	sumanta@iitbbs.ac.in	SIF	Soil Structure Interaction; High-Speed Railway Geotechnics, Offshore Geotechnics, Geotechnical Earthquake Engineering, Digital Twin Application in Geomechanics

8	Dr. Debasis Basu	dbasu@iitbbs.ac.in	Infrastructure	Travel Behaviour Analysis, Modeling under GIS Environment, Road Traffic Management and Safety, Demand management in Rail Transport Service
9	Mahendaran Uchimali	mahendaran@iitbbs.ac.in	SMS	Modeling of evolving microstructure, Modeling of thermal shock, Modeling of phase transforming materials
10	Dr. CHANDRASEKHAR PERUMALLA	pcsekhar@iitbbs.ac.in	SECS	Integration and Control of Renewable Energy Systems, Design and Development of Smart Controllers for Microgrid/Smart Grid Systems, Wired and Wireless Power Transfers in Electric Vehicles, Artificial Intelligence applications in Power and Energy Systems
11	Dr. Anirban Bhattacharya	anirban@iitbbs.ac.in	SMS	CFD, Phase Change Modelling, Additive Manufacturing
12	Rahul Kumar	kumarr@iitbbs.ac.in	SMS	Data driven modelling, nonlinear dynamics, vibration, Uncertainty Quantification
13	Abhishek Chowdhury	achowdhury@iitbbs.ac.in	SBS (Physics)	Mathematical Physics. Quantum and classical gravity, black holes, chaos. Stochastic systems
14	Dr. Manas Ranjan Pattnayak	mrapattnayak@iitbbs.ac.in	School of Mechanical Sciences (SMS)	Lubrication Science; Bearing Design; Tribology; Rotordynamics; Vibrations; Mechanical Test Rig Development

15	Olive Ray	olive@iitbbs.ac.in	SECS	Power Management circuits, Electric vehicle
16	Shantanu Patra	shantanupatra@iitbbs.ac.in	SIF	subsystems
17	Satish Panda	skpanda@iitbbs.ac.in	SMS	Medical image processing using AI
18	Prof. Prasant Kumar Sahu	pks@iitbbs.ac.in	Dept. of ECE, SECS, IIT Bhubaneswar	Design and Simulation of Optical Fiber based Sensor.
19	Dr. Jothi Saravanan T	tjs@iitbbs.ac.in	School of Infrastructure	Structural Health Monitoring; Smart Materials; Deep Learning; Computer Vision; UAV-based Visual Inspection; <u>Augmented Reality; Digital Twin</u>
20	Devesh Punera	devesh@iitbbs.ac.in	SIF	Structural Engineering; Mechanics of advanced composites; Stability of steel structures
21	Sitakanta Panda	spanda@iitbbs.ac.in	SHSSM	Economics, Public Policy, Entrepreneurship
22	Manas Mohan Mahapatra	mmmahapatra@iitbbs.ac.in	School of Mechanical Sciences	
23	Rajakumar Guduru	rajakumarguduru@iitbbs.ac.in	HSSM	English Language Teaching (ELT); Applied Linguistics
24	Dr. Dipankar De	dipankar@iitbbs.ac.in	Electrical Engineering	High Power EV charger , Power Electronics, High Frequency Magnetic design
25	Niharika Mahapatra	niharika@iitbbs.ac.in	SBS (Physics)	Experimental Condensed Matter Physics, Correlated electron systems, Magnetism, Superconductivity, Multiferroics, topological and quantum materials